

# Site Inspection Report

N.J. Transit - REMF aka Conrail Meadows Yard Kearny, Hudson County, NJ

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~	-	$P\Delta$
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### POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT

I. IDENT	FICATION
01 STATE	02 SITE NUMBER

<b>VEIA</b>	PART 1 - SIT	E LOCATION AND	INSPE	CTION INFORM	IATION	
II. SITE NAME AND LOC						
01 SITE NAME (Layer, common, or	·		02 STREE	IT; ROUTE NO., OR S	PECIFIC LOCATION IDENTIFIER	
	EMF (Conrail Mea	dows Yard)		nnsylvania		100000001000000
03 CITY				05 ZIP CODE	06 COUNTY	07COUNTY 06 CONG CODE DIST
Kearny		10 TYPE OF OWNERS	NJ	<u> </u>	Hudson	
09 COORDINATES 10 TYPE OF C 40° 44" 39". 74° 08 45". 0 F C			() B. FEC	DERAL	☐ C. STATE ☐ D. COUNT	
III. INSPECTION INFORM		03 YEARS OF OPERA	rion:			
8 , 19, 87	02 SITE STATUS  ACTIVE INACTIVE			Present		1
04 AGENCY PERFORMING INS		<u> </u>			· · · · · · · · · · · · · · · · · · ·	
LI A. EPA DI B. EPA C	ONTRACTOR	(Name of Irm)	C. MU	JNICIPAL 🗆 D. N	IUNICIPAL CONTRACTOR	(Name of term)
E. STATE [] F. STATE	CONTRACTOR	(Name of Irm)	□ G. 01	HER	(Specify)	
05 CHIEF INSPECTOR	· · · · · · · · · · · · · · · · · · ·	06 TITLE			. 07 ORGANIZATION	08 TELEPHONE NO.
Deborah Mazur		HSMS III	•		NJDEP	609 984 - 3239
09 OTHER INSPECTORS		10 TITLE	<del></del>		11 ORGANIZATION	12 TELEPHONE NO.
Richard Gervas	io	Superviso	ry Te	chnician	NJDEP	6091292-7696
Robert Raisch		HSMS IV	· · · · · · · · · · · ·		NJDEP	6091292-7696
Donna Gaffigan		HSMS IV		-	NJDEP	609,984-3239
•						( )
		interior.				( )
13 SITE REPRESENTATIVES IN	TERVIEWED	14 TITLE	1	SADDRESS		16 TELEPHONE NO
Howard Smith		Contracto	r	NJ Transit	- REMF	(201) 955-574
Tim Doolan		Env. Engi		NJ Transit	Civil - Engineering	(201 648-7878
						( )
		· ·		1		( )
· ·						( )
				-		( )
17 ACCESS GAINED BY (Check one)	18 TIME OF INSPECTION	19 WEATHER COND	ITIONS		!	;
PERMISSION  WARRANT	1000	85°F, Sur	nny	:: *:		
IV. INFORMATION AVAIL	LABLE FROM				1	
01 CONTACT		02 OF (Agency/Organi	•			03 TELEPHONE NO.
Jeff Hill		NJDEP/DHV				(201) 669-3960
04 PERSON RESPONSIBLE FO	A SITE INSPECTION FORM	05 AGENCY	06 ORG	ANIZATION	07 TELEPHONE NO.	08 DATE
Deborah Mazur		NJDEP	ВР	A	609-984-3239	8 125 187 MONTH DAY YEAR

EPA FORM 2070-13 (7-81





### POTENTIAL HAZARDOUS WASTE SITE

I. IDENTIFICATION

<b>VEI</b>	SITE INSPECTION REPORT PART 2 - WASTE INFORMATION			OI SINIE UZ SIIL	MUMBER			
II. WASTES	TATES, QUANTITIES, AN	ID CHARACTER	ISTICS	<del></del>	<del></del>	<del></del>	<del></del>	
OTPHYSICAL STATES (Check of their apply)  K. A. SOLID  I. B. POWDER, FINES  I. C. SLUDGE  I. G. GAS  LI D. OTHER		02 WASTE QUANTITY AT SITE		MA TOXIC 11 B CONTROL 11 C RADIOA M D PERSIS	CTIVE LIG FLAMA	ILE MILHIGHLY HOUS LI J. EXPLUI MABLE LI K. REACT BLÉ LI L. INCOM	M. I. HIGHLY VOLATILE US (1.1 EXPLOSIVE ILE (1.1 K. HE ACTIVE	
	(Specify)	NO. OF DRUMS						
III. WASTE T	YPE							
CATLGOHY	SUBSTANCE N	AME	DI GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS			
SLU	SLUDGE							
OLW	OILY WASTE	X	Unknown		Diesel fue	1 contaminat	ion of	
SOL	SOLVENTS					indwater, and	1	
PSD	PESTICIDES	<b>X</b> ).			surface wa	iter.		
occ	OTHER ORGANIC CH	IEMICALS						
IOC	INORGANIC CHEMIC	ALS				•		
ACD	ACIDS							
BAS	BASES							
MES	HEAVY METALS	Χ				•		
IV. HAZARD	OUS SUBSTANCES (See A4	yenda for masi (requent	ly caed CAS Numbers)					
O1 CATEGORY	02 SUBSTANCE NA	AME	03 CAS NUMBER	04 STORAGE/DISF	POSAL METHOD	US CUNCENTHATION	Ob MEASURE OF CONCLASSION	
MES	Cadmium			Soil #1		12	mg/l	
MES	Lead			Soil #1		430	mg/1	
OLW	PAH's			Soil #1		30000	ug/l	
OLW	PAH's			Soil #2		10300	ug/1	
MES	Cadmium			Soil #2		7-10	mg/l	
OLW	PAH's			Soil #3		36300	ug/1	
PSD	Aldrin		·	Soil #3		27	ug/l	
MES	Cadmium			Soil #3	_	7.8	mg/l	
MES	Arsenic			Soil #3		13	mg/1	
MES	Lead			Soil #3		130	mg/1	
OLW	PAH's			Soil #5		85000	ug/1	
MES	Arsenic	-	3.4	Soil #5		50	mg/l	
MES_	Cadmium			Soil #5		9.70	mg/l	
MES	Lead			Soil #5		900	mg/l	
SOL	Benzene			Groundwate	er #1	14	ug/l	
OLW	Fluorene			Groundwate	er #1	79	ug/l	
V. FEEDSTO	CKS (See Appendix for CAS Number	rs)			<u> </u>		·	
CATEGORY	O1 FEEDSTOCK	NAME	02 CAS NUMBEH	CATEGORY	OT FLEUSTO	CK NAME	02 CAS NUMBER	
FDS				FDS				
FDS				FDS			<del></del>	
FUS				FDS	<del></del>	<del></del>	<del></del>	
FDS				FDS	and the second s		<del></del>	
VI. SOURCES	OF INFORMATION (Ce. )	Paulic relatences, e.g.,	State Idea, sanga analysa is	n <sub>i</sub> nuits)			<del></del>	
	ot NIDED Purson			4nn			<del></del>	

Files at NJDEP Bureau of Planning and Assessment (BPA)

65 Prospect Street Trenton, NJ 08618





### POTENTIAL HAZARDOUS WASTE SITE

I. IDENTIFICATION

SEI	PA	. • •		CTION REPORT	01 STATE 02 SITE	NUMBER	
II WASTES	STATES, QUANTITIES, AN	CHARACTER				<del></del>	<del></del>
O1 PHYSICAL S K A SOLID L. B. POWDE L. C SLUDGE	STATES (Circle at that apply)  I) E. SLUKRY EH, FINES DYF LICUID SE II G. GAS	02 WASTE QUANT (Measures of street free free free free free free free	Unknown  OS WASTE CHARACTERISTICS (Chock at third appen)  A TOXIC   I E SOLUBLE   M. I. HIGHLY VOLATILE  I J B COHROSIVE   I F INFECTIOUS   I J EXPLUSIVE  I C HADIOACTIVE   I G FLAMMABLE   I K. HEACTIVE  Unknown   M. D PERSISTENT   I H IGNITABLE   I L INCOMPATIBLE				
MACTE	(Specify)	NO OF DRUMS		<del></del>		<del></del>	
III. WASTE T		·		T	1	<del></del>	
SLU	SUBSTANCE N	AME	01 GHOSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS		
OLW	OILY WASTE	**	17.1	+		ino	
	<del> </del>	<u>X</u>	Unknown	<del> </del>		1 contaminat	
SOL	SOLVENTS		<del> </del>	<del>                                     </del>	soil, groun	ndwater, and	1
PSD	PESTICIDES	X	ļ·	-	Surface war	er.	<del></del>
OCC	OTHER ORGANIC CH	<del></del>	<del></del>	<del> </del>	<b> </b>		
IOC ACD	INORGANIC CHEMIC	ALS	<del> </del>	<del> </del>	<u> </u>		<del></del>
HAS	ACIDS BASES		<del></del>	<b></b>	<del></del>	<del></del>	
MES	HEAVY METALS	<del></del>	+	<del> </del>	<del> </del>	<del></del>	
	OUS SUBSTANCES (See AM	X	777 20 20 114	<u></u>	L	<del> </del>	<del></del>
DI CALEGORY	Y		03 CAS NUMBER	The STOMACE (DIS)		To the street factor	T Oo MEADING OF
		AME	US CAS NUMBER	U4 STOHAGE/DISP		US CONCENTRATION	COME I ITTIMATE 4.
OLW	Phenanthrene	<del></del>	<del> </del>	Groundwater		150	ug/1
MES	Arsenic		<del> </del>	Groundwater		480	ug/1
MES MES	Lead	<del> </del>	<del> </del>	Groundwater		2800 3020	ug/1
	Copper	<del></del>	<del> </del>	Surface Wat		3020 5	ug/l
SOL	Benzene		<del> </del> '	Surface Wat			ug/l
OLW	Fluorene	<del></del>	<u> </u>	<u> </u>		29	ug/1
OLW	Phenanthrene	<del></del>	<u> </u>	Surface Wat		9	ug/1
OLW	Pyrene		<u> </u>	Surface Wat		18	ug/1
SOL	Chloroform		<u> </u>	Surface Wat		27	ug/1
SOL	Benzene	<del></del>		Surface Wat		5	ug/1
OCC	Arclor-1260		<u> </u>	Surface Wat		0.4	ug/1
OCC	Bromodichlorom	ethane		Surface Wat	ter #2	8	ug/l
	:		<del> </del>	<b></b>		<u> </u>	
	<del>                                     </del>	2,1, 21, 11	<del> </del>	<del> </del>			<del> </del>
<del></del>	<del> </del>		<b></b>	<del></del>		<del></del>	ļ
	<u></u>	·	<u> </u>	<u> </u>			
	OCKS (Saw Appendix for CAS Number	<del></del>					
CATEGORY	01 FEEDSTOCK	K NAME.	02 CAS NUMBER	CALEGORY	OT FLEUSTOCK	KNAME	02 CAS NUMBER
FDS				FDS			I
FDS				FDS			1
FDS				FDS			
FDS				FDS			
VI. SOURCES	S OF INFORMATION (Ca. )	specific relevences, e.g.,	, state tres, sample analysis -r	(e,-utis)	<del></del>	<del></del>	
					<del></del>	<del></del>	

Files at NJDEP Bureau of Planning and Assessment (BPA) 65 Prospect Street Trenton, NJ 08618

### **\$EPA**

## POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

		TIFICATION
01	STATE	02 SITE NUMBER

II. HAZARDOUS CONDITIONS AND INCIDENTS	
01 XA. GROUNDWATER CONTAMINATION	02 XI OBSERVED (DATÉ: 1982 ) LI POTENTIAL (1 ALLEGED
U3 POPULATION POTENTIALLY AFFECTED:	U4 NAHHATIVE DESCRIPTION
	observed to be significantly contaminated with
diesel fuel. One sstimate of the	volume of diesel fuel is 500,000 gallons.
<del></del>	0/07
01 NB SURFACE WATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED:	02 M OBSERVED (DATE: 8/87 ) LI POTENTIAL LI ALLEGED
	be flowing out of the NJPDES regulated surface
water outfalls.	
	· · · · · · · · · · · · · · · · · · ·
01     C. CONTAMINATION OF AIR	02     OUSERVED (DATE:)       POTENTIAL   LI ALLEGED
03 POPULATION POTENTIALLY AFFECTED:	- 04 NAHHATIVE DESCRIPTION
No potential exists.	
	•
01 M D. FIRE/EXPLOSIVE CONDITIONS	0211 OUR CRUIC COATE NAME OF THE PARTY OF TH
U3 POPULATION POTENTIALLY AFFECTED:	02 L1 OBSERVED (DATE:) POTENTIAL L1 ALLEGED 04 NAHRATIVE DESCRIPTION
• "	
Slight potential exists due to the	e apparent volume of diesel fuel contamination.
	·
	· · · · · · · · · · · · · · · · · · ·
U1 L1 E. DIRECT CONTACT	U2 T.I OBSERVED (DATE:) LI POTENTIAL L'I ALLEGED
03 POPULATION POTENTIALLY AFFECTED:	04 NAHRATIVE DESCRIPTION
No potential exists.	
· · · · · · · · · · · · · · · · · · ·	
	****
01 M.F. CONTAMINATION OF SOIL	02 YOUSEHVED (DATE: 1982) LI POTENTIAL LI ALLEGED
U3 AHEA POTENTIALLY AFFECTED:	02 ty Observed (Date:1982
(Acres)	·
The site has been in use as a rai	lyard for over 100 years. Through this historic
usage, significant amounts of die	sel fuel contamination are now found in the soil.
01 L. G. DHINKING WATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED:	02 LI OUSERVED (DATE:) LI POTENTIAL LI ALLEGED
OS POPOLATION POTENTIALLY AFFECTED:	04 NARHATIVE DESCHIPTION
No potential exists.	
	•
01 MH. WORKER EXPOSURE/INJURY	02 LI OBSERVED (DATE:) XI POTENTIAL EI ALLEGED
03 WORKERS POTENTIALLY AFFECTED:	02 D OBSERVED (DATE:) X) POTENTIAL (I) ALLEGED 04 NARRATIVE DESCRIPTION
Workers who must go below the gro	und surface to service cable lines, etc. may
encounter diesel fuel at the wate	
encounter areser ruer at the water	I fable line.
	$\cdot$
ALTER DOOR AND ENGINEERING	
01 IDI. POPULATION EXPOSURE/INJURY U3 POPULATION POTENTIALLY AFFECTED:	02 [] OBSERVED (DATE:) DOTENTIAL LI ALLEGED
OU   OF OCCHOICH OF LITTINGET AFFECTED:	. 64 NARHATIVE DESCRIPTION
No potential evicts	
No potential exists.	•
	·
PA FORM 2070-13 (7-81)	<del></del>
· · · · · · · · · · · · · · · · · · ·	

**SEPA** 

### POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT

L IDENTIFICATION 01 STATE 02 SITE NUMBER

PART 3 - DESCRIPTION	ON OF HAZARDOUS CONDITIONS AND INCIDEN	rs ————
II. HAZARDOUS CONDITIONS AND INCIDENTS (C.	uniformal)	
01 () J. DAMAGE TO FLORA 04 NARRATIVE DESCRIPTION	02 () OBSERVED (DATE:)	☐ POTENTIAL ☐ ALLEGED
The entire site has been fill	ed in, no potential exists.	
01 DXK. DAMAGE TO FAUNA 04 NARRATIVE DESCRIPTION (INCLIDE NAME) of Species)	02 🗆 OBSERVED (DATE:)	DEPOTENTIAL I ALLEGED
Potential exists for water for surface water outfalls.	wl to come in contact with diesel	I fuel at the
01 X L. CONTAMINATION OF FOOD CHAIN 04 NATRATIVE DESCRIPTION	02 🗆 OBSERVED (DATE:)	2 POTENTIAL LI ALLEGED
Potential exists since diesel may be affecting samll fish o	fuel is present at the surface veserved at these outfalls.	vater outfalls, which
OI DVM. UNSTABLE CONTAINMENT OF WASTES (Spitts Minute Statistics) injudes, Leasing grants) 03 POPULATION POTENTIALLY AFFECTED:	02 OBSERVED (DATE: 1982 ) 04 NARRATIVE DESCRIPTION	☐ POTENTIAL ☐ ALLEGED
It is estimated that up to 50 groundwater.	0,000 gallons of diesel fuel may	be contaminating the
01 TAN DAMAGE TO OFFSITE PROPERTY	02 🗆 OBSERVED (DATE:)	POTENTIAL () ALLEGED
Diesel fuel may be migrating of	off-site through the surface wate	er discharges and in
the groundwater.		
01 (1) O. CONTAMINATION OF SEWERS, STORM DRAIN 04 NARRATIVE DESCRIPTION	IS, WWTPs 02 CI OBSERVED (DATE:)	LI POTENTIAL DI ALLEGED
No hazards known at this time	•	•
01 LIP. ILLEGAL/UNAUTHORIZED DUMPING 04 NARRATIVE DESCRIPTION	02 L) OBSERVED (DATE:)	L'I POTENTIAL L'I ALLEGED
No potential exists.		
		i ·
05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL		
It should be noted that a city The conduct for this water lingular.	y water line for Bayonne transect ne has been observed to be contan	s part of the site. minated with diesel
III. TOTAL POPULATION POTENTIALLY AFFECTED	D:	1
IV. COMMENTS		
	••	
V. SOURCES OF INFORMATION (Can appendix references, g.	g., Slate files, sarture analysis, reports;	
Files at BPA, 65 Prospect Stre	eet, Trenton, NJ 08618	
1:		



**SEPA** 

### POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION

ł.	IDENT	IFICATION
Ĭ	SIAIL	02 SITE NUMBER

VLIA	PART 4-I	PERMIT AND DE	SCRIPTIVE INFORMAT	ION L	
II. PERMIT INFORMATION				Line and the second	·
UI TYPE OF PEHMIT ISSUED (Check all that عبيان)	02 PERMIT NUM	BER OJ DATE	SSUED 04 EXPIRATION DATE	05 COMMENTS	
XA NPDES NJ	0031992			7/87 Una	cceptable rating
1.: B. UIC	1000000	<del></del>			
1) C: AIR					
LID. RCRA	<del></del>	<del></del>			
LIE. RCRA INTERIM STATUS	-	<del></del>			
LIF. SPCC PLAN		<del> </del>		1	
IJI G. STATE (Specify)	1	<del></del>			
LIH. LOCAL (Specify)		<del></del>		<u> </u>	
C11. OTHER (Specify)	-	<del></del>			
		<del></del>	<del></del>		•
(i) J. NONE III. SITE DESCRIPTION					<del></del>
	02 AMOUNT C	3 UNIT OF MEASURE	04 THEATMENT (Chuck of that a	(PV)	05 OTHER
☐ A. SURFACE IMPOUNDMENT			☐ A. INCENERATION	•	
LI A. SURFACE IMPOUNDMENT			☐ B. UNDERGROUND INJ	ECTION	A. BUILDINGS ON SITE
C. DRUMS, ABOVE GROUND			C CHEMICAL/PHYSICA		_
LI D. TANK, ABOVE GROUND		•	D. BIOLOGICAL		3
L'I E. TANK, BELOW GROUND	<del></del>	<del></del>	☐ EWASTE OIL PROCES	•	06 ARLA OF SITE
C F. LANDFILL			F. SOLVENT RECOVER		76
LI G. LANDFARM LI H. OPEN DUMP		· <del></del>	C) G. OTHER RECYCLING VQ H. OTHER OIL W	ater separ	(ACION)
U LOTHER		-	150	o(.dy)	<b>)</b>
(Specity)					<u></u>
07 COMMENTS			j		
	ř !				
		•		•	
			•		
		•			
			· ·	·	<u></u>
IV. CONTAINMENT	<u></u>			<del> </del>	
01 CUNTAINMENT OF WASTES (Check one)				<b>X</b>	ic unicolinió processoro
LI A. ADEQUATE, SECURE	B. MODERAT	E LD, C: II	NADEQUATE, POOR	D. INSECUR	E, UNSOUND, DANGEROUS
U2 DESCRIPTION OF DRUMS, DIKING, LINERS, E	BARRIERS, ETC.		· · · · · · · · · · · · · · · · · · ·		
An underground draina	ge system :	recently in	stalled at the	site is ef	fectively
draining the diesel f	- •	-			•
are NJPDES regulated.		<b></b>			
	•		<del>-</del>		
V. ACCESSIBILITY	<del></del>	<u> </u>		- <del></del>	
UT WASTE EASILY ACCESSIBLE: YES	ON CL 2		<del></del>		<del></del>
UT WASTE EASILY ACCESSIBLE: BY YES	- 11 HU	•			
. 1					
· · · · · · · · · · · · · · · · · · ·		<u> </u>	·		<u> </u>
VI. SOURCES OF INFORMATION (Cate Sp.	raudic telaronicas, a y sla	le idea, sellipse discipse . Tes-	erls)		
7.1			NT 00610		
Files at BPA, 65 Pros	pect Street	t, Trenton,	NJ 08618		
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· ·							I, IDE	NTIFICATI	ON	
	-	POTENTIAL HAZARDOUS WASTE SITE					01 STATE 02 SITE NUMBER			
<b>\$EPA</b>			SITE INSPECT	ON REPOR	T	MTAL BATA				
7/LI/		PART 5 - WATER	, DEMOGRAPHIC	, AND ENVI	TONME	MIALDAIA			<u> </u>	
II. DRINKING WATER	SUPPLY					·	<del></del>			
O1 TYPE OF DRINKING SUF	PPLY		02 STATUS				03	DISTANCE TO	SITE	
(Cultur as abhurana)	SURFACE	WELL	ENDANGERED	AFFECTE	D M	ONITORED	1			
COMMUNITY	A. O	B. 🗆	A. L3	8. CJ		C. 🗅	Α.		(mi)	
NON-COMMUNITY	c. 🗆	D. 🗆	<b>D</b> . 🗀	E. C)		F. 🗆	В.		(mi)	
<del></del>										
IL GROUNDWATER	N VICINITY (Chack o	net .		<del> </del>				-		
		•	-	ID C. COM	AERCIAL, I	NOUSTRIAL, IRRIC	SATION [	D. NOT USE	D, UNUSEA	iLE
() A ONLY SOURCE F	OR DRINKING	(Other sources availed		(Limited	other sourc	us e <del>veteble</del> j		•		
	•	COMMERCIAL, IN	DUSTRIAL, IRRIGATION			•				
			<del></del>				<del></del>	<del></del>	<del> </del>	
			1	OR DISTANCE TO	NEARES	T DRINKING WATE	R WELL	<u> </u>	(mi)	
02 POPULATION SERVED	BY GROUND WAT		-	U3 DISTANCE IC	HEARES			OB SOLE SO	HIBCE AOLI	
04 DEPTH TO GROUNDWA	ATER	05 DIRECTION OF GRO	DUNDWATER FLOW	OF CONCERN	UIFER	07 POTENTIAL Y	(ELD	•		
		S-SE	, .	2-4	(n)		(gpd)	□ YI	ES 💢 N	0
Avg. 2-4	(lt)									
		oepth, and localion relative to		a.						
There				a.	ARÉA					
There	are no p			11 DISCHARGE	ARÉA OMMENT	s				
There TO RECHANGE AND A	are no p			11 DISCHARGE		s				_
There	are no p			11 DISCHARGE		s		·		
There To RECHARGE ANEA TO YES COMMENT CINO .	are no p		in the are	11 DISCHARGE		s				
10 RECHANGE ANEA	are no p			11 DISCHARGE		s				
There TO RECHANGE ANEA_ TO YES COMMENT	are no p  IS  R  ICANCA ONE)	otable wells	in the are	11 DISCHARGE	OMMENT	S NL, INDUSTRIAL		D. NOT CUF	IRENTLY U	SED
There There There To rechange AREA Tyes   COMMENT   CI NO   IV. SURFACE WATER TO SURFACE WATER USE TO A RESERVOIR F DRINKING WA	ATE NO P	otable wells  D B IRRIGATION	in the are	11 DISCHARGE	OMMENT		٥	D. NOT CUF	RENTLY U	SED
There  TO RECHANGE AND A  TYES COMMENT  CI NO  TY. SURFACE WATER  OF SURFACE WATER USE  A RESERVOIR F  DRINKING WA  OZ AFFECTED/POTENTIA	ATE NO P	otable wells  D B IRRIGATION	in the are	11 DISCHARGE	OMMENT			D. NOT CUF	<u>.</u>	SED
There TO RECHANGE ANEA	ATE NO P	otable wells  D B IRRIGATION	in the are	11 DISCHARGE	OMMENT	AL, INDUSTRIAL	ED	DISTANC	E TO SITE	SED
There  There  To RECHARGE ANEA  YES COMMENT  CI NO .  IV. SURFACE WATER  O1 SURFACE WATER USE  A RESERVOIR F  DRINKING WA  O2 AFFECTED/POTENTIAL  NAME:	ATE NO P	otable wells  D B IRRIGATION	in the are	11 DISCHARGE	OMMENT	AL, INDUSTRIAL	ED	DISTANC	ETOSITE feet	(m
There  There  There  To rechange and a comment of the comment of t	ATE NO P	otable wells  D B IRRIGATION	in the are	11 DISCHARGE	OMMENT	AL, INDUSTRIAL	ED	DISTANC ~2000 ~2000	feet feet	(m
There  There  There  To Rechange ANEA	ATE NO P	otable wells  D B IRRIGATION	in the are	11 DISCHARGE	OMMENT	AL, INDUSTRIAL  AFFECT	ED	DISTANC ~2000 ~2000	ETOSITE feet	
There  Th	are no p  IS  R  ICANCA ONE)  RECREATION TER SOURCE  LLY AFFECTED B	D B IRRIGATION IMPORTAL	in the are	11 DISCHARGE	OMMENT	AFFECT	ED	DISTANC ~2000 ~2000	feet feet	(m
There  ORECHANGE ANEA  OYES COMMENT  OYES COMMENT  OY. SURFACE WATER	are no p  IS  R  ICANCA ONE)  RECREATION  TER SOURCE  LLY AFFECTED B  Ver  River	D B IRRIGATION IMPORTAL	in the are	11 DISCHARGE	OMMENT	AFFECT	ED	DISTANC ~2000 ~2000	feet feet	(m

NO OF PERSONS

U4 DISTANCE TO NEAREST OF SITE BUILDING

05 POPULATION WITHIN VICINITY OF SITE (Prunte natietive desciption of nature of population within vicinity of site, e.g., raid, village, densely populated after are

NO. OF PERSONS

Area is heavily industrialized, with a high volume of rail traffic.

EPA FORM 2070-13 (7-81)

03 NUMBER OF BUILDINGS WITHIN TWO (2) MILES OF SITE

### POTENTIAL HAZARDOUS WASTE SITE

I. IDENT	IFICATION	
01 STATE	02 SITE NUMBER	-

SEPA	SITE INSPEC RT 5 - WATER, DEMOGRAPH	TION REPORT IC. AND ENVIRONME	NTAL DATA	
VI. ENVIRONMENTAL INFORMATION	it o margarate			
OI PERMEABILITY OF UNSATURATED ZONE (Check		<del></del>		
LI A. 10-• - 10-€ cm/sec	Ü B. 10−4 − 10−6 cm/sec	C: 10 <sup>-4</sup> - 10 <sup>-3</sup> cm/sec	ID D. GREATER THAN 1	0-3 cm/sec
02 PERMEABILITY OF BEDROCK (Check one)				
LI A. IMPERMEABLE (Less than 10 - 8 cm/sec	[] B. RELATIVELY IMPERMEABI	LE LI C. RELATIVELY PEI		PERMEABLE
O3 DEPTH TO BLDROCK 04 DEPT	TOF CONTAMINATED SOIL ZONE	05 SOIL pH		
(n)	(11)	<del></del>		
US NET PRECIPITATION 07 ONE Y	EAR 24 HOUR RAINFALL	OB SLOPE   DIRE	CTION OF SITE SLOPE	TERRAIN AVERAGE SLOPE
(in)	2,75" (in)	%		%
OPFLOOD POTENTIAL  SITE IS IN YEAR FLOODPLAIN		ER ISLAND, COASTAL HIG	H HAZARD AREA, RIVER	NE FLOODWAY
11 DISTANCE TO WETLANDS (5 acre minimum)	<del></del>	12 DISTANCE TO CHITICAL	IABITAT (of endangered species	
ESTUARINE:	OTHER		N/A	(mi)
A (mi) 8	100 feet (mi)	ENDANGERED SP	ECIES:	
13 LAND USE IN VICINITY		<u> </u>		
DISTANCE TO:			- AGRICULTU	DALLANDS
COMMERCIAL/INDUSTRIAL	RESIDENTIAL AREAS, NATIO FORESTS, OR WILDLIF	E RESERVES	PRIME AG LAND	AG LAND
				- N/A
A <u>100 feet</u> (mi)	в1.0	(mi) C	N/A (mi)	D. <u>N/A</u> (mi)
14 DESCRIPTION OF SITE IN RELATION TO SURRO	UNDING TOPOGRAPHY			·
Geology: The site is	underlain generally	by 5-10 feet	of fill (sand	, cobbles,
debris), then 3-5 feet varved clay with glaci	or pear, then D-10	reer or sand, oths of 75-100	feet.	SOLL
varved cray with graci	er crititions as def	1		
Site is a filled in we	tlands area. The s	surface water d	ischarge area	s are tidally
influenced.				
				- ,
		•		
	•			
VII. SOURCES OF INFORMATION (Cate spin	cilic references, e.g., state fees, sample analysis	s, reports)		
D.1		. NT 00610		
Files at BPA, 65 Prosp	ect Street, Trentor	n, NJ 08618	•	

<b>≎EPA</b>		OTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT RT 6 - SAMPLE AND FIELD INFORMATION	L IDENTIFICATION OI STATE 02 SITE NUMBER		
IL SAMPLES TAKEN	8/19/87 NJDEP -	Bureau of Planning and Assessment			
SAMPLE TYPE	01 NUMBER OF SAMPLES TAKEN	02 SAMPLES SENT TO	03 ESTIMATED DATE RESULTS AVAILABLE		
GROUNDWATER	1	H <b>S</b> M Labs, Melville, Long Is., NY			
SURFACE WATER	2	H <b>a</b> M Labs			
WASTE					
AIR					
RUNOFF					
SPILL	<u> </u>		•		
SOIL	5	H <b>a</b> M Labs			
VEGETATION					
OTHER					
III. FIELD MEASUREMENTS	TAKEN				
O1 TYPE	02 COMMENTS				
Foxboro OVA	· Ambient Air	- ND, soil gases readings ranged	from 500 - > 1000		
•	ppm.				
IV. PHOTOGRAPHS AND M	APS				
OI TYPE GROUND II AEF	RIAL	12 IN CUSTODY OF NJDEP-BPA (Name of organization or endounted)			
03 MAPS 04 LOCATION OF MAPS					
LT YES					
V. OTHER FIELD DATA COL	LECTED (Provide narrative descr	ent part j			
		$(x_1, \dots, x_n) = (x_1, \dots, x_n) \in \mathbb{R}^n$			
		·			
	· .				
W 0000000	***	>			
VI. SOURCES OF INFORMA	TION , the specific references, e.y.	, slate liets, satispie analysis, resportaj			
Files/Field Log	BPA, 65 Pro	ospect Street, Trenton, NJ 08618			

EPA FORM 2070-13 (7-81)





<b>\$EPA</b>	ARDOUS WASTE SITE ECTION REPORT NER INFORMATION	I. IDENTIFIC	CATION SITE NUMBER		
		J. 7	PARENT COMPANY (II (MICHAEL MARIE)		
I. CURRENT OWNER(S)		02 D+B NUMBER	OB NAME		09 D+B NUMBER
N.J. Transit		02.01.01101110111		ļ	
3 STREET ADDRESS (P O. Bas, RFO e. etc.)		04 SIC CODE	10 STREET ADDRESS (P O. Bos. Rr D #, etc.)		11 SIC CODE
3 STREET ADDRESS (F S. Bas, 18 5 S. S. S.		1,110,000			
	OS STATE	07 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE
SCITY	NJ	07102	,	İ	
Newark	11/3	02 D+B NUMBER	OB NAME	<del></del>	09 D+8 NUMBER
1 NAME	-	OZ DTB NOMBEN			
		04 SIC CODE	10 STREET ADDRESS (P.O. BOS. HPD #, etc.)		11 SIC CODE
3 STREET ADDRESS (P.O. Box, RFO #, etc.)		U4 SIC CODE	10 STREET ADDITESSIF OF BUIL APD P. WILL		
<u> </u>				Lagrard	14 ZIP CODE
D5 CITY	OS STATE	07 ZIP CODE	12 CITY	ISSINIE	14 ZIP CODE
		·			
O1 NAME		02 D+B NUMBER	OB NAME		09 D+8 NUMBER
•					12 202 22 2
DI STREET ADDRESS (P.O. Bus, MFD #, etc.)		04 SIC CODE	10 STREET ADDRESS IP O. Bun, RED F. atc.)		11 SIC CODE
				<u> </u>	
DS CITY	OS STATE	07 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE
		,			
) NAME		02 D+8 NUMBER	OB NAME		OAD+R NAMBER
- <del></del>			The second secon		-
OJ STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE	10 STREET ADDRESS (P.O. Bus, RED P. etc.)		1 1 SIC CODE
DS CITY	IO6 STATE	O7 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE
33 311					1
III. PREVIOUS OWNER(S) (Led most recent to	(14)	02 D+B NUMBER	IV. REALTY OWNER(S) (II AUJUICALIA). A.	at alust recent (ral)	02 D+B NUMBER
OI NAME		UZ DTB NUMBER	O' NAME		
Conrail	<del></del>	04 SIC CODE	O3 STREET ADDRESS (P.O. Live, HEU P. OIC.)		U4 SIC CODE
03 STREET ADDRESS (P.O. Box, NFD #, etc.)		.	OG STREET PODRESSIF O MAL NED 4. BIC.)		
	LOGGTATE	TO7 ZIP CODE	OS CITY	los etale	O7 ZIP CODE
DS CITY	DOSIAIE	07 217 6002	330	OG STATE	UI ZII CODE
		00.04.040.050	01 NAME		02 D+B NUMBER
OI NAME	** , m*	02 D+8 NUMBER	01 NAME		AS N. I. II II II III III II II
Tangami ya wijir 🐪		In sic cone	03 STREET ADDRESS IF O. Dun. RFD 0, etc.)		04 SIC CODE
STREET ADDRESS IF O BUE HED F. ME.)		04 SIC CODE	OS STREET ADDRESS (F O. BOX, RFD #, 816.)		104 310 6006
	IOS STATE	07 ZIP CODE	05 CITY	O6 STATE	07 ZIP CODE
الله الله الله الله الله الله الله الله	OG SIVIE				
		02.04.8 31.4405.8	O1 NAME	<del>l</del>	02 D+B NUMBER
Pennsylvania Railroad		02 D+B NUMBER			
		Total cone	O3 STREET ADDRESS (P.O. Bus. RFD 0, oic.)	<del>,</del>	04 SIC CODE
13 STALLT ALCOLOGY DIE MODE OCT		04 SIC CODE	OS STREET RESERVED OF U. DUE, NO V. BIG.)		310 0000
1				las exast	07 ZIP CODE
nicis i	OBSTATE	07 ZIP CODE	OS CITY	OBSINIE	O' TIL CORE
!					<u></u>
Y SOURCES OF INFORMATION (Cress	reulic references.	. e y , siale fees. Selliple eriely:	sus. (mpulls)	<u>.                                    </u>	
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				·	
·			·		
1		•	4		

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## POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT PART 8 - OPERATOR INFORMATION

I. IDENTIFICATION					
O1 STATE	02 SITE NUMBER				

<b>VELY</b>			PART 8 - OPERATOR INFORMATION				
II. CURRENT OPERAT	OR (Provide a ditterent fro	m owner)		OPERATOR'S PARENT CO	MPANY (# «µphc=04»)		
O1 NAME O2 D+8 NUMBER			10 NAME		110+BNUMBER		
03 STREET ADDRESS (P.O. Bod, RFD P, etc.)  04 SIC CODE		12 STREET ADDRESS (P.O. Soa, RFD P. etc.)		13 SIC COO4			
05 CITY		OB STATE	07 ZIP CODE	14 CITY	15 STATE	16 ZIP CODE	
08 YEARS OF OPERATION	09 NAME OF OWNER		-				
III. PREVIOUS OPERAT	TOR(S) (List most recent i	irsi; provide onli	y & different from Gwner)	PREVIOUS OPERATORS' PA	ARENT COMPANIES (#		•
01 NAME			02 D+8 NUMBER	10 NAME		I I D+UNUAMEA	•
03 STREET ADDRESS (P.O. 8	on, RFO e. etc.)		04 SIC CODE	12 STREET ADDRESS (P.O. Box, RFD	) #, etc.)	13 SIC COC4	
OS CITY		08 STATE	07 ZIP CODE	14 CITY	15 STATE	16 219 2006	4 :
08 YEARS OF OPERATION	09 NAME OF OWNER	DURING THIS	PERIOD			<u></u>	`!
01 NAME	<u>.</u>	.	02 D+8 NUMBER	10 NAME		110+bNumber	: .
03 STREET ADDRESS (P.O. B	us, RFD #, etc.)	:J	04 SIC CODE	12 STREET ADDRESS (P.O. Box, RFD	e, etc.)	13 SC CUGE	1
05 CITY	- <del></del>	06 STATE	07 ZIP CODE	14 CITY	15 STATE	16 ZIP COUL	ji
08 YEARS OF OPERATION	09 NAME OF OWNER	DURING THE	S PERIOD			: ز.	
01 NAME	<u></u>		02 D+B NUMBER	₹Ó NAME		11 Den Maranda	ĪĪ
03 STREET ADDRESS (P.O. 8	OL, RFD Ø, etc.)		04 SIC CODE	12 STREET ADDRESS (P.O. dos, HFD	) e, etc.)	13 \$5 6006	
05 CITY	······································	06 STATE	07 ZIP CODE	14 CITY	15 STATE	102PUCOE	
08 YEARS OF OPERATION	09 NAME OF OWNER	DURING THE	S PERIOD			L	
IV. SOURCES OF INFO	ORMATION (C+			an another		! <i>هه دید حدد</i> ا	. 17 - 7 - 
17. GOUNGES OF IMP	Cas then	MA- FEIETBRC63, 4	.g., डाहार भारड, इसाएम <b>र व</b> िस्ता	os, - +p-5144		<del></del>	

		OTENTIAL HAT	ARDOUS WASTE SITE	I. IDENTIFIC	
<b>\$EPA</b>		SITE INSPE	ECTION REPORT TRANSPORTER INFORMATION	01 STATE U2	SITE NUMBER
II. ON-SITE GENERATOR					
OI NAME		02 D+8 NUMBER			
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE			
05 CITY	06 STATE	07 ZIP CODE			
III. OFF-SITE GENERATOR(S)		l	·		<del></del>
01 NAME		02 D+B NUMBER	01 NAME	C	02 D+B NUMBER
D3 STREET ADDRESS (P.O. Box, RFD #, ecc.)		04 SIC CODE	O3 STREET ADDRESS (P O. Liux, RFO e, etc.)	•	04 SIC CODE
05 CITY	06 STATE	07 ZIP CODE	05 CITY .	06 STATE	07 ZIP CODE
O1 NAME	<del>!</del>	02 D+8 NUMBER	01 NAME		02 D+B NUMBER
D3 STREET ADDRESS (P.O. tous, RFD #, etc.)		04 SIC CODE	03 STREET ADDRESS (P.O. Box. RFD #, MC.)	<u></u>	04 SIC CODE
05 CITY	06 STATE	07 ZIP CODE	05 CITY	06 STATE	07 ZIP CODE
IV. TRANSPORTER(S)	<u>-</u>	<u> </u>			
O1 NAME		02 D+8 NUMBER	01 NAME		D+8 NUMBER
03 STREET ADDRESS (P.O. Bus, HFO F, etc.)		04 SIC CODE	03 STREET ADDRESS (P.O. aux, RED 8, acc.)		04 SIC CODE
DS CITY	06 STATE	O7 ZIP CODE	05 CITY	06 STATE	07 ZIP CODE
O1 NAME		02 D+B NUMBER	01 NAME		02 D+8 NUMBER .
03 STREET ADDRESS (P.O. BOX, RFD P, etc.)	· <del>·······</del>	04 SIC CODE	O3 STREET ADDRESS (P.O. BOA, HFD P, etc.)		04 SIC CODE
D5 CITY	06 STATE	07 ZIP CODE	05 CITY	06 STATE	07 ZIP CODE
V. SOURCES OF INFORMATION (CA)	pecific references, o	e.g., slate bles, Sample analysi	s, reports)		
				<del></del>	
			•		
		•		<u> </u>	
<b>!</b> !				1 .	
	1				

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~	<b>}</b>	$\mu \Delta$
<b>\</b> /	_	

#### POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT PART 10 - PAST RESPONSE ACTIVITIES

	IDENT			
1	STATE	02	SITE	NUMBER

PART	10-PAST RESPONSE ACTIV	VITIES	
PAST RESPONSE ACTIVITIES			
01 () A. WATER SUPPLY CLOSED	₹ 02 DATE	O3 AGENCY	
04 DESCRIPTION	.73		-
01 CI B. TEMPORARY WATER SUPPLY PROVIDED 04 DESCRIPTION	02 DATE	O3 AGENCY	
	•		
01 (10, 050)	<u> </u>	•	
01 [] C. PERMANENT WATER SUPPLY PROVIDED 04 DESCRIPTION	02 DATE	O3 AGENCY	
	.•		
01 D. SPILLED MATERIAL REMOVED	· · · · · · · · · · · · · · · · · · ·	• -	
04 DESCRIPTION	02 DATE	03 AGENCY	
01 [] E. CONTAMINATED SOIL REMOVED	1000		
04 DESCRIPTION NJ Transit removed some Rail Equipment Mainter	02 DATE 1985-86	O3 AGENCY	
Rail Equipment Mainter	me contaminated so:	il while constructing its new	W
01 D F. WASTE REPACKAGED	nance racility.		
04 DESCRIPTION	UZ DATE	O3 ÄGENCY	
	·	•	
01 C G. WASTE DISPOSED ELSEWHERE	O2 DATE	O3 AGENCY	
04 DESCRIPTION	02 DAIL	O3 AGENCY	
<u> </u>	•	•	
01 () H. ON SITE BURIAL 04 DESCRIPTION	02 DATE	02.005.00	
04 DESCRIPTION	·	03 AGENCY	
	<del></del>		
01 LJ I. IN SITU CHEMICAL TREATMENT D4 DESCRIPTION	U2 DATE	03 AGENCY	
of Description		O3 AGENCY	
···	•		
01 (7 J. IN SITU BIOLOGICAL TREATMENT 04 DESCRIPTION	02 DATE	O3 AGENCY	
	3 to 1	- CONDENC!	
	<del></del>	•	
1) D.K. IN SITU PHYSICAL TREATMENT  4 DESCRIPTION	·	O3 AGENCY	
1) [] K. IN SITU PHYSICAL TREATMENT 4 DESCRIPTION	·	03 AĞÊNCY	
4 DESCRIPTION	·	03 AGENCY	
1 () L. ENCAPSULATION	·		
1 () L. ENCAPSULATION	02 DATE	03.405500	
1 D L. ENCAPSULATION 4 DESCRIPTION	02 DATE		
1 D L. ENCAPSULATION 4 DESCRIPTION	02 DATE		
1 D L. ENCAPSULATION 4 DESCRIPTION	02 DATE	O3 AGENCY	
1 () L. ENCAPSULATION 4 DESCRIPTION 1 () M. EMERGENCY WASTE TREATMENT 4 DESCRIPTION	02 DATE	O3 AGENCY	
TO L. ENCAPSULATION  DESCRIPTION  DESCRIPTION  DESCRIPTION  OUTOFF WALLS	02 DATE	O3 AGENCY	
TO L. ENCAPSULATION  DESCRIPTION  DESCRIPTION  DESCRIPTION  OUTOFF WALLS	02 DATE	O3 AGENCY	
1 () L. ENCAPSULATION 4 DESCRIPTION 1 () M. EMERGENCY WASTE TREATMENT 4 DESCRIPTION 1 () N. CUTOFF WALLS 1 DESCRIPTION 1 () O. EMERGENCY DIKING/SUBERGE WATER CONSERVED.	O2 DATE	O3 AGENCY O3 AGENCY O3 AGENCY	
1 () L. ENCAPSULATION 4 DESCRIPTION 1 () M. EMERGENCY WASTE TREATMENT 4 DESCRIPTION 1 () N. CUTOFF WALLS 1 DESCRIPTION	02 DATE	O3 AGENCY O3 AGENCY O3 AGENCY	
1 () L. ENCAPSULATION 4 DESCRIPTION 1 () M. EMERGENCY WASTE TREATMENT 4 DESCRIPTION 1 () N. CUTOFF WALLS 1 DESCRIPTION	O2 DATE	O3 AGENCY	
1 () L. ENCAPSULATION 4 DESCRIPTION 1 () M. EMERGENCY WASTE TREATMENT 4 DESCRIPTION 1 () N. CUTOFF WALLS 1 DESCRIPTION 1 () O. EMERGENCY DIKING/SURFACE WATER DIVERSION DESCRIPTION 1 () P. CUTOFF TRENCHES/SLIMP	02 DATE	O3 AGENCY O3 AGENCY O3 AGENCY O3 AGENCY	
I CI L. ENCAPSULATION DESCRIPTION  I DI M. EMERGENCY WASTE TREATMENT DESCRIPTION  I I N. CUTOFF WALLS DESCRIPTION  I O. EMERGENCY DIKING/SURFACE WATER DIVERSION DESCRIPTION	O2 DATE	O3 AGENCY O3 AGENCY O3 AGENCY O3 AGENCY	
I CI L. ENCAPSULATION DESCRIPTION  I DI M. EMERGENCY WASTE TREATMENT DESCRIPTION  I I N. CUTOFF WALLS DESCRIPTION  I O. EMERGENCY DIKING/SURFACE WATER DIVERSION DESCRIPTION	02 DATE	O3 AGENCY  O3 AGENCY  O3 AGENCY  O3 AGENCY  O3 AGENCY	
1 (7) L. ENCAPSULATION 4 DESCRIPTION 1 (1) M. EMERGENCY WASTE TREATMENT 4 DESCRIPTION 1 (1) N. CUTOFF WALLS 1 DESCRIPTION 1 (1) O. EMERGENCY DIKING/SURFACE WATER DIVERSION 1 DESCRIPTION 1 (1) P. CUTOFF TRENCHES/SUMP 1 DESCRIPTION	02 DATE  02 DATE  02 DATE  02 DATE  02 DATE	O3 AGENCY  O3 AGENCY  O3 AGENCY  O3 AGENCY  O3 AGENCY	
TO L. ENCAPSULATION DESCRIPTION  I D. M. EMERGENCY WASTE TREATMENT DESCRIPTION  I D. CUTOFF WALLS DESCRIPTION  I O. EMERGENCY DIKING/SURFACE WATER DIVERSION DESCRIPTION  I P. CUTOFF TRENCHES/SUMP DESCRIPTION	02 DATE	O3 AGENCY  O3 AGENCY  O3 AGENCY  O3 AGENCY  O3 AGENCY	
I D. M. EMERGENCY WASTE TREATMENT DESCRIPTION  I I N. CUTOFF WALLS DESCRIPTION  I O. EMERGENCY DIKING/SURFACE WATER DIVERSION DESCRIPTION	02 DATE  02 DATE  02 DATE  02 DATE  02 DATE	O3 AGENCY  O3 AGENCY  O3 AGENCY  O3 AGENCY  O3 AGENCY	

<b>≎EPA</b>	POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT PART 10 - PAST RESPONSE ACTIVITIES	L IDENTIFICATION 01 STATE 02 SITE NUMBER
PAST RESPONSE ACTIVITIES (Continued)		
01 [] R. BARRIER WALLS CONSTRUCTED 04 DESCRIPTION	02 DATE	03 AGENCY
as appeared their		·
01 S CAPPING/COVERING 04 DESCRIPTION	02 DATE	03 AGENCY
04 DESCRIPTION	· · · · · · · · · · · · · · · · · · ·	
01 T. BULK TANKAGE REPAIRED	02 DATE	D3 AGENCY
of program light		
01 U. GROUT CURTAIN CONSTRUCTED 04 DESCRIPTION	02 DATE	03 AGENCY
- Control of the cont		
01 [] V. BOTTOM SEALED	02 DATE	03 ACENCY
04 DESCRIPTION		O AGENOT
01 (1) W. GAS CONTROL 04 DESCRIPTION	02 DATE	03 AGENCY
or description		
01 El X. FIRE CONTROL	O2 DATE	03 AGENCY
04 DESCRIPTION	OLDAIL	O3 AGENCY
01 () Y. LEACHATE TREATMENT		· · · · · · · · · · · · · · · · · · ·
04 DESCRIPTION	02 DATE	03 AGENCY
01 E) Z. AREA EVACUATED 04 DESCRIPTION	02 DATE	03 AGENCY
01 [] 1. ACCESS TO SITE RESTRICTED 04 DESCRIPTION	02 DATE	03 AGENCY
	<b></b>	
01 I.J. 2. POPULATION RELOCATED 04 DESCRIPTION	Ö2 DATÉ	03 AGENCY
01 (1) 3. OTHER REMEDIAL ACTIVITIES 04 DESCRIPTION	02 DATE	03 AGENCY
oil contaminated groundwa	ation wells were installed in ter and run through an oil wat	an effort to pump up
wells were only in operat	ion a short time and are now i	er separator. These nactive.
		•
OURCES OF INFORMATION		
OURCES OF INFORMATION (Cite specific relevence	8. 8. y , blate lifes, autitule analysis , reportal	
Files at BPA, 65 Prospect	Street, Trenton, NJ 08618	

EPA FORM 2070-13 (7-81)

**SEPA** 

#### POTENTIAL HAZARDOUS.WASTE SITE SITE INSPECTION REPORT PART 11 - ENFORCEMENT INFORMATION

L IDENTIFICATION
01 STATE 02 SITE NUMBER

IL ENFORCEMENT INFORMATION

01 PAST REGULATORY/ENFORCEMENT ACTION (1) YES (1) NO

02 DESCRIPTION OF FEDERAL, STATE, LOCAL REGULATORY/ENFORCEMENT ACTION

A recent NJDEP - Division of Water Resources NJPDES compliance inspection (7/87) found the NJ Transit facility to be rated "unacceptable" in compliance. Starting the month of August 1987, NJ Transit will be required to submit monitoring reports of the surface water discharges and groundwater as specified in the NJPDES permit. Also, a recent inspection by NJDEP - Division of Hazardous Waste Management Enforcement inspection (7/87) found the NJ Transit facility to be in violation due to the diesel fuel runoff at the surface water discahrge paints. A Field NOV was issued.

III. SOURCES OF INFORMATION (Cde apecific relevences, e.g., state ties, sample endyara, reporta)

Files at 1) BPA, 65 Prospect Street, Trenton, NJ 08618

2) NJDEP - Metro Office 201-669-3960



## State of New Jersey DEPARTMENT OF ENVIRONMENTAL PROTECTION

#### **DIVISION OF HAZARDOUS WASTE MANAGEMENT**

John J. Trela, Ph.D., Acting Director 401 East State St. CN 028 Trenton, N.J. 08625 609 - 633 - 1408 M E M O R A N D U M

12 AUG 1987

TO:

ALBERT PLEVA, ACTING SECTION CHIEF

BUREAU OF PLANNING AND ASSESSMENT

THROUGH:

ROBERT KUNZE, ACTING SECTION CHIEF

BUREAU OF PLANNING AND ASSESSMENT

FROM:

DEBORAH MAZUR, HSMS III

BUREAU OF PLANNING AND ASSESSMENT

SUBJECT:

SAMPLING PLAN FOR N.J. TRANSIT-REMF

(AKA CONRAIL-MEADOWS YARD)
KEARNY, HUDSON COUNTY, NJ
EPA ID# NJD980770028

PROPOSED DATE OF SAMPLING: Wednesday August 19, 1987

#### OBJECTIVES OF SAMPLING:

To determine the presence of contamination by hazardous wastes and the potential for releases to the environment through the collection of analytical data for suspected areas identified during the pre-sampling assessment ("PSA") conducted on July 21 & August 7, 1987.

SITE CONTACT: Vilas Godbola - N.J. Transit Environmental Engineer 201-264-7878

#### BACKGROUND:

The preliminary assessment completed on this site in March 1985 indicated a high potential for oily waste contamination due to over 100 years of use as a rail yard. In 1983, a two foot layer of diesel oil was found floating on the groundwater surface. In 1986, N.J. Transit began construction at the site of its Rail Equipment Maintenance Facility (REMF) involving a great deal of excavating and filling in of various parts of the site. All areas identified as being oil contaminated in the past have now been built over therefore making it impossible to determine if all of the contaminated soil was removed off-site. During the PSA, each of the NJPDES surface water discharge points was found to have varying degrees of diesel oil contamination. Eight of the ten NJPDES-permitted decontamination wells, which are inactive, were located and examined. While taking depth to water

measurements, what appeared to be diesel oil was present in the four wells examined. The depth of the oil layer could not be determined. Neither of these NJPDES regulated activities have been monitored for over one year due to construction activities, therefore these areas will be addressed to determine if any significant releases to the environment are continuing.

#### SAMPLING PLAN:

A total of ten samples will be collected, including one field blank, one trip blank, five soil/sediments, two surface waters, and one groundwater. Refer to the attached site map for approximate sampling locations. The site will be sampled using monies from the Multi-Site Cooperative Agreement, using lab contract X-085.

#### SOILS #1 TO #4:

These sediment samples will be collected at the following NJPDES surface water discharge points; DSN 001A, DSN 002, DSN 003, and DSN 005. Sample depth 2-8 inches.

#### SOIL #5:

Background soil. An appropriate location will be determined on the date of the sampling episode since most of the soil on-site is fill and not representative of a typical background sample for this area.

#### SURFACE WATERS #1 & #2:

These surface water samples will be collected at the mouth of NJPDES discharge points #002 & 003 respectively. A background surface water sample will not be collected since no viable sample location could be identified in this heavily industrialized area.

#### GROUNDWATER #1:

This groundwater sample will be collected from one of the clustered decontamination wells. The depth of the well is approximately 12 feet. On August 7, 1987 the depth to water was 5 feet 8 inches. The diameter of the well casing is 12 inches. The amount of water in the casing was calculated to be 37.02 gallons. A centrifugal pump will be used to evacuate three times the water volume (111 gallons). Note that a viable upgradient well is unavailable in this heavily industrialized area.

#### QA/QC:

A trip blank will be carried through the sampling episode. The field blank will be transferred to lab cleaned bottles by passing over lab cleaned sampling equipment. Sampling will be conducted in accordance with NJDEP Standard Operating Procedures.

#### LABORATORY & ANALYSIS:

H2M has been contracted to do the Priority Pollutant plus forty analyses. Total cost of analysis will be \$11,565.

#### SAFETY PROCEDURES:

Both a PID and OVA will be used to evaluate ambient air conditions before and during sampling. Level D protective gear is recommended based upon the findings of the PSA for the sediment and surface water samples. Level C is recommended for the groundwater sample. A map indicating the route to the nearest hospital is attached.

#### \* SPECIAL CAUTION:

The NJPDES surface water discharges are located along the west bound rail tracks, which are "live" tracks. A flagman has been requested of N.J. Transit to be present during the sampling episode to alert sampling personnel of on-coming trains.

#### SAMPLING & HANDLING:

Collected samples will be stored at 4°C in coolers supplied by the lab. Samples will be delivered to H2M Laboratories via Federal Express on the same day as the sampling episode. H2M Fed. Ex No. 1049-91-491.

HS143:mz attachment

